

What is claimed is:

1. A fixing structure for parts of optical element comprising:

parts of optical element having an edge surface which is a side surface surrounding a light beam passing surface;

5 an intermediate holding member having a first attaching surface which is facing to said side surface and having a second attaching surface which is arranged in a different angle from said first attaching surface; and

a base member having an attaching surface which is facing to
10 said second attaching surface; characterized in that

the base member and said parts of optical element which has been adjusted the positional relation to the base member are adhered and fixed through said intermediate holding member.

2. A fixing structure for parts of optical element according to claim 1
15 characterized in that a photoelectric transforming member is fixed on said base member in a predetermined positional relation with said parts of optical element.

3. A fixing structure for parts of optical element according to claim 1
characterized in that adhesive material used for said adhesion and
20 fixing is a light setting adhesive material, and said intermediate holding member is transparent for at least light which hardens said light setting adhesive material.

4. A fixing structure for parts of optical element according to claim 1,
characterized in that said first attaching surface and said second
25 attaching surface of said intermediate holding member are made to be perpendicular.

5. A fixing structure for parts of optical element according to claim 4,

characterized in that said intermediate holding member has rib.

6. A fixing structure for parts of optical element according claim 1, characterized in that said parts of optical element has a flat portion which faces to the first attaching surface of said intermediate holding member on a side surface of said parts of optical element.

7. A fixing structure for parts of optical element according claim 4, characterized in that said parts of optical element has a flat portion which faces to the first attaching surface of said intermediate holding member on a side surface of said parts of optical element.

8. A fixing structure for parts of optical element according to claim 6, characterized in that said flat portion is parallel to an optical axis of said parts of optical element.

9. A fixing structure for parts of optical element according to claim 6, characterized in that said flat portion is formed by grinding of side surface of said parts of optical element.

10. A fixing structure for parts of optical element according to claim 1, characterized in that the fixing structure further comprising a spacing member having a side contacting surface which is aligned with side surface of said parts of optical element, and having aligning surface which is aligned with said first attaching surface of the intermediate holding member, characterized in that said side contacting surface of the spacing member faces to the side surface of said parts of optical element, and said aligning surface of said spacing member faces to the first contacting surface of said parts of optical element.

11. A fixing structure for parts of optical element according to claim 6, characterized in that a photoelectric transforming member is fixed on said base member in a predetermined positional relation with said parts

of optical element, the first attaching surfaces are arranged in both sides of a best effective region of said parts of optical element for said transforming member.

12. An image data input unit in which solid state image forming device is disposed at a position where an image is focused by an image focusing lens, comprising:

lens having an edge surface which is a side surface surrounding a light beam passing surface;

an intermediate holding member having a first attaching surface which is facing to said side surface and having a second attaching surface which is arranged in a different angle from said first attaching surface; and

a base member having an attaching surface which is facing to said second attaching surface; characterized in that

the base member and the lens which has been adjusted the positional relation to the base member are adhered and fixed through said intermediate holding member.

13. An image data input unit according to claim 11, characterized in that said unit further comprising a cover between said image focusing lens and said solid state image forming device.

14. An image data input unit according to claim 11, characterized in that said image focusing lens is composed of plurality of lenses.

15. An image data input apparatus utilizing said image data input unit according to claim 11.

16. An image data input apparatus utilizing said image data input unit according to claim 12.

17. An image data input apparatus utilizing said image data input

